

ABSTRACT OF THE DISCLOSURE

A method for producing an article made of plastics by an injection molding process is described. A movable die of a plastic-material injection molding die assembly is heated at a temperature of 50 to 70°C, or 60 to 95°C, and placed at a coating station to apply a liquid acrylic lacquer coating or urethane-based or epoxy-based coating on a molding surface of the movable die. Then, the movable die is moved into a drying chamber maintained at a temperature of 50 to 60°C, or 80 to 90°C, and placed in the drying chamber for 30 to 90 seconds, or 6 to 30 seconds, to semi-dry the coating applied on the molding surface. Subsequently, the movable die is connected to a fixed die of the die assembly to form a molding cavity. Then, a molten plastics material is injected into the molding cavity to produce an injection-molded plastics material product having a coated film of the coating.